



Key Features

- Highly conductive wet gel
- Combination of instant and long-term adhesives
- Breathable microporous material
- Unique offset concept
- High-quality Ag/AgCl sensor
- Available with preattached lead wire

Ambu® Blue Sensor VL

The very large Ambu Blue Sensor VL features highly conductive wet gel and a combination of instant and long-term adhesives for excellent contact and stable signals throughout the monitoring period. Thanks to the low-profile microporous material, skin is able to breathe so the electrode remains comfortable to wear over long periods. The VL is also available with a preattached lead wire.

LIFETIME

| | |
|-------------------------------------|-----------|
| Recommended application time (max.) | 48 hours |
| In opened pouches | 1 month |
| Unopened pouches* | 24 months |
| *from date of production | |

X-RAY & MRI

| | |
|-------------------|----|
| X-ray-translucent | No |
| MRI-safe | No |

DIMENSIONS

| | |
|--|---------|
| Electrode size (max. L x W or diameter in mm) | 72 x 68 |
| Skin contact size (max. L x W or diameter in mm) | 68 |
| Adhesive area (in mm ²) | 3377 |
| Height excluding connector/wire (in mm) | 1 |

SENSOR

| | |
|---|----------------------------------|
| Sensor material | Silver/silver chloride (Ag/AgCl) |
| Gel system | Wet gel |
| Sensor area* (in mm ²) | 20.8/22.4 |
| Gel area/measuring area (in mm ²) | 254 |
| * non-wire/wire | |

ELECTRICAL DATA (ANSI/AAMI)

| | |
|--|----------|
| AC impedance - typical | 500 Ω |
| DC offset voltage - typical | 0.2 mV |
| Defibrillation overload recovery - typical | 7.4 mV |
| Rate of change of polarization potential - typical | 0.2 mV/s |
| Combined offset instability and internal noise | <15μV |
| Bias current tolerance (over 8 hours) | <5 mV |



ENVIRONMENT

| | |
|----------------------|-----|
| PVC-free electrode | No |
| Latex-free electrode | Yes |
| PVC-free lead wire | No |
| Latex-free lead wire | Yes |
| PVC-free packaging | Yes |

STANDARD PACKAGING

| | |
|----------------|--------------|
| Quantity/liner | 1 |
| Quantity/pouch | 4, 7, 10, 25 |
| Quantity/box | 500/1000 |
| Minimum sales | 1000 |

OPTIONS

| | |
|----------------------|------|
| Connectors | S, A |
| Pre-wired | Yes |
| Pre-wired connectors | A, K |

AVAILABLE CONFIGURATIONS*

| Quantity/pouch | 4 | 7 | 10 | 25 |
|----------------|-------------------------|----------|----------|----------|
| | Qty per inner/outer box | | | |
| VL-00-S | 500/1000 | 504/1008 | 500/1000 | 500/1000 |
| VL-00-A | | | | 500/1000 |
| VL-10-A | | | | 500/1000 |
| VL-50-A, K | | | | 500/1000 |

* Some configurations may not be available worldwide

| | |
|---------|---------------|
| VL-00-S | ■ PRODUCT |
| | ■ WIRE LENGTH |
| | ■ CONNECTOR |

PRECAUTION

Single patient use only

MATERIALS - ELECTRODE

| | |
|-------------------------|--------------------------------------|
| Bio-compatible | Yes |
| Sensor | Silver/silver chloride (Ag/AgCl) |
| Sponge | Polyurethane foam |
| Outer carrier | Microporous tape (non woven rayon) |
| Outer adhesive | Acrylate |
| Inner carrier (if any) | Polyvinyl chloride film (PVC) |
| Inner adhesive (if any) | Acrylate |
| Upper part | Polyvinyl chloride film (PVC) |
| Fitting | Polypropylene (PP) |
| Connector (stud) | Nickel-plated brass |
| Lead wire core | Copper |
| Lead wire insulation | Polyvinyl chloride |
| Lead wire connector | Brass/polypropylene |
| Liner | Polyester/polyethylene film (PET/PE) |

MATERIALS - PACKAGING

| | |
|-----------------------|-------------------|
| Pouches, inner layer | Polyethylene (PE) |
| Pouches, centre layer | Aluminium (Al) |
| Pouches, outer layer | Polyester (PET) |
| Boxes | Cardboard |

CONNECTORS:



S = Stud



A = 4 mm fitting

PRE-WIRED CONNECTORS:



A = 4 mm connector



K = 1.5 mm connector

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CARDIOLOGY